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## **Amendment to the Claims:**

Cancel Claims 11-14.

## **Listing of Claims:**

1. (original) A compound of the structural formula I:

$$R^{5}O$$
 $R^{8}$ 
 $R^{6}$ 
 $R^{10}$ 
 $R^{9}$ 
 $R^{7}$ 
 $R^{4}$ 
 $R^{3}$ 
 $R^{2}$ 
(I)

or a pharmaceutically acceptable salt thereof; wherein

n is 0, 1, or 2;

Y is N or  $C-R^{17}$ ;

R<sup>1</sup> is C<sub>2-4</sub> alkenyl, C<sub>2-4</sub> alkynyl, or C<sub>1-4</sub> alkyl, wherein alkyl is unsubstituted or substituted with hydroxy, amino, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkylthio, or one to three fluorine atoms;

R<sup>2</sup> is hydrogen, amino, fluorine, hydroxy, mercapto, C<sub>1-4</sub> alkoxy, or C<sub>1-4</sub> alkyl;

R<sup>3</sup> and R<sup>4</sup> are each independently selected from the group consisting of hydrogen, cyano, azido, halogen, hydroxy, mercapto, amino, C<sub>1-4</sub> alkoxy, C<sub>2-4</sub> alkenyl, C<sub>2-4</sub> alkynyl, and C<sub>1-4</sub> alkyl, wherein alkyl is unsubstituted or substituted with hydroxy, amino, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkylthio, or one to three fluorine atoms;

R<sup>5</sup> is hydrogen, C<sub>1-10</sub> alkylcarbonyl, P<sub>3</sub>O<sub>9</sub>H<sub>4</sub>, P<sub>2</sub>O<sub>6</sub>H<sub>3</sub>, or P(O)R<sup>11</sup>R<sup>12</sup>;

R<sup>6</sup> and R<sup>7</sup> are each independently hydrogen, methyl, hydroxymethyl, or fluoromethyl; R<sup>8</sup> is hydrogen, C<sub>1-4</sub> alkyl, C<sub>2-4</sub> alkynyl, halogen, cyano, carboxy, C<sub>1-4</sub> alkyloxycarbonyl, azido, amino, C<sub>1-4</sub> alkylamino, di(C<sub>1-4</sub> alkyl)amino, hydroxy,



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C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> alkylthio, C<sub>1-6</sub> alkylsulfonyl, or (C<sub>1-4</sub> alkyl)<sub>0-2</sub> aminomethyl;

R9 is hydrogen, hydroxy, halogen, C1-4 alkoxy, C1-4 alkylthio, amino,

C<sub>1-4</sub> alkylamino, di(C<sub>1-4</sub> alkyl)amino, C<sub>3-6</sub> cycloalkylamino, or

di(C3-6 cycloalkyl)amino;

R<sup>10</sup> is C<sub>1-4</sub> alkylamino, wherein the alkyl moiety is substituted with one to three halogen atoms; -OCH2CH2SC(=O)C1-4 alkyl; -OCH2O(C=O)OC1-4 alkyl;

-OCH(C1-4 alkyl)O(C=O)C1-4 alkyl; or an amino acyl residue having structural formula

R<sup>13</sup> is hydrogen, C<sub>1-4</sub> alkyl, or phenyl C<sub>0-2</sub> alkyl;

R<sup>14</sup> is hydrogen or C<sub>1-4</sub> alkyl;

R15, R16, R18, and R19 are each independently hydrogen or C<sub>1-4</sub> alkyl;

R<sup>11</sup> and R<sup>12</sup> are each independently hydroxy, -OCH<sub>2</sub>CH<sub>2</sub>SC(=O)C<sub>1-4</sub> alkyl,

-OCH2O(C=O)OC1-4 alkyl, -NHCH(C0-4 alkyl)CO2C1-3 alkyl,

 $-OCH(C_{1-4} \text{ alkyl})O(C=O)C_{1-4} \text{ alkyl},$ 

$$S(CH_2)_{11}CH_3$$
 or  $S(CH_2)_{17}CH_3$   $OCO(CH_2)_{14}CH_3$ ; and

R17 is hydrogen, halogen, cyano, nitro, NHCONH2, CONR18R19, CSNR18R19, COOR18, C(=NH)NH2, hydroxy, C<sub>1-3</sub> alkoxy, amino, C<sub>1-4</sub> alkylamino, di(C<sub>1-4</sub> alkyl)amino, or C<sub>1-3</sub> alkyl; wherein alkyl is unsubstituted or substituted with one to three groups independently selected from halogen, amino, hydroxy, carboxy, and C<sub>1-3</sub> alkoxy.

> The compound of Claim 1 of the structural formula II: 2. (original)

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$$R^{5}O$$
 $R^{8}$ 
 $R^{10}$ 
 $R^$ 

or a pharmaceutically acceptable salt thereof; wherein  $R^3$  is hydrogen, halogen, hydroxy, amino, or  $C_{1-4}$  alkoxy;

R<sup>1</sup> is C<sub>1-3</sub> alkyl, wherein alkyl is optionally substituted with hydroxy, amino, C<sub>1-3</sub> alkoxy, C<sub>1-3</sub> alkylthio, or one to three fluorine atoms;

R<sup>2</sup> is hydroxy, fluoro, or C<sub>1-3</sub> alkoxy;

R<sup>5</sup> is hydrogen, P<sub>3</sub>O<sub>9</sub>H<sub>4</sub>, P<sub>2</sub>O<sub>6</sub>H<sub>3</sub>, or PO<sub>3</sub>H<sub>2</sub>;

R8 is hydrogen, amino, or C1-4 alkylamino;

R<sup>9</sup> is hydrogen, halogen, hydroxy, amino,

C<sub>1-4</sub> alkylamino, di(C<sub>1-4</sub> alkyl)amino, or C<sub>3-6</sub> cycloalkylamino;

R<sup>10</sup> is C<sub>1-3</sub> alkylamino, wherein the alkyl moiety is substituted with one to three fluorine atoms; or an amino acyl residue having structural formula

 $R^{13}$  is hydrogen,  $C_{1-4}$  alkyl, or phenyl  $C_{0-2}$  alkyl;

R<sup>14</sup> is hydrogen or C<sub>1-4</sub> alkyl; and

R<sup>15</sup> and R<sup>16</sup> are each independently hydrogen or C<sub>1-4</sub> alkyl.

## 3. (original) The compound of Claim 2 wherein

R<sup>1</sup> is methyl, fluoromethyl, hydroxymethyl, difluoromethyl, trifluoromethyl, or aminomethyl; R<sup>2</sup> is hydroxy, fluoro, or methoxy;

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R<sup>3</sup> is hydrogen, fluoro, hydroxy, amino, or methoxy;

R<sup>5</sup> is hydrogen or P<sub>3</sub>O<sub>9</sub>H<sub>4</sub>;

R8 is hydrogen or amino;

R<sup>9</sup> is hydrogen, fluoro, hydroxy, or amino;

R10 is 2,2,2-trifluoroethylamino or an amino acyl residue having structural formula

R13 is hydrogen, C<sub>1-4</sub> alkyl, or phenyl C<sub>0-2</sub> alkyl;

R<sup>14</sup> is hydrogen or C<sub>1-4</sub> alkyl; and

R15 and R16 are each independently hydrogen or C<sub>1-4</sub> alkyl.

- 4. (original) The compound of Claim 3 selected from the group consisting of:
- $2\hbox{-}[2\hbox{-}amino\hbox{-}6\hbox{-}(2,2,2\hbox{-}trifluoroethylamino})\hbox{-}9\hbox{-}(2\hbox{-}C\hbox{-}methyl\hbox{-}\beta\hbox{-}D\hbox{-}ribofuranosyl})\hbox{-}9H\hbox{-}purine;$
- $3-[2-amino-9-(2-C-methyl-\beta-D-ribofuranosyl)-9H-purin-6-yl-amino]$  propionic acid methyl ester; and
- $2\hbox{-}[2\hbox{-}amino\hbox{-}9\hbox{-}(2\hbox{-}C\hbox{-}methyl\hbox{-}\beta\hbox{-}D\hbox{-}ribofuranosyl)\hbox{-}9H\hbox{-}purin\hbox{-}6\hbox{-}yl\hbox{-}amino]\hbox{-}acetamide};$

and the corresponding 5'-triphosphates;

or a pharmaceutically acceptable salt thereof.

- 5. (original) A pharmaceutical composition comprising a compound of Claim 1 and a pharmaceutically acceptable carrier.
- 6. (original) A method of treating RNA-dependent RNA virus infection comprising administering to a mammal in need of such treatment a therapeutically effective amount of a compound according to Claim 1.
- 7. (original) The method of Claim 6 wherein said RNA-dependent RNA virus infection is hepatitis C virus (HCV) infection.

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8. (original) The method of Claim 7 in combination with a therapeutically effective amount of another agent active against HCV.

- 9. (original) The method of Claim 8 wherein said agent active against HCV is ribavirin; levovirin; thymosin alpha-1; interferon-β; an inhibitor of NS3 serine protease; an inhibitor of inosine monophosphate dehydrogenase; interferon-α or pegylated interferon-α, alone or in combination with ribavirin or levovirin.
- 10. (original) The method of Claim 9 wherein said agent active against HCV is interferon-α or pegylated interferon-α, alone or in combination with ribavirin.
  - 11. (cancelled)
  - 12. (cancelled)
  - 13. (cancelled)
  - 14. (cancelled)